

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

SHEET 1 of 2

	Complete if Known	
Application Number	10/020,425	
Filing Date	December 7, 2001	
First Named Inventor	Mitsuaki Oshima et al.	•
Art Unit	2137	
Examiner Name	Paul E. Callahan	
Attorney Docket No.	MTS-520US2	

			U.S. PATENT DO	DCUMENTS	
		Document Number			Pages, Columns, Lines, Where
Examiner Initials*	Cite No.1	Number - Kind Code ^{2 (If known)}	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
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		FOREIGN PA	TENT DOCUMEN	TS		
F	674	Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines, Where Relevant	
Examiner Initials*	Cite No. ¹	Country Code ³ - Number ⁴ - Kind Code ⁵ (¹¹ known)	Publication Date (MM-DD-YYYY)	Applicant of Cited Document	Passages or Relevant Figures Appear	76
PC		JP 06-203412 (with English Abstract)	07-22-1994	EASTMAN KODAK CO.		0
X		JP 60-175254 (with English Abstract) (with Partial English Translation)	09-09-1985	KAWAOKA NORITAKA		Ø

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^{*}EXAMINER: Initial if reference considered, whether or not ditation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant. Applicant's unique citation designation number (optional).

^{&#}x27;Applicant's unique citation designation number (optional).

25ee Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.

25et Confice that issued the document, by the two-letter code (WIPO Standard St.3).

25or Japanese patent documents, the indication of the year of the region of the Emperor must precede the serial number of the patent document.

25kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

34pplicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

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Complete If Known 10/020,425 **Application Number** INFORMATION DISCLOSURE December 7, 2001 Filing Date STATEMENT BY APPLICANT Mitsuaki Oshima et al. First Named Inventor (Use as many sheets as necessary) 2137 Art Unit Paul E. Callahan **Examiner Name** SHEET 2 of 2 Attorney Docket No. MTS-520US2

		NON-PATENT LITERATURE DOCUMENTS	-
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T²
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	U.S. PATENT DOCUMENTS					
		Document Number	Bublication Date	Name of Batantan of	Pages, Columns, Lines, Where Relevant Passages or Relevant	
Examiner Initials*	Cite No.1	Number - Kind Code ² (If known)	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Figures Appear	
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Examiner Initials*	Cite No.1	Country Code ³ - Number ⁴ - Kind Code ^{5 (If known)}	Publication Date (MM-DD-YYYY)	Applicant of Cited Document	Figures Appear	Τ ⁶
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¹Applicant's unique citation designation number (optional).
²See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.
²Enter Office that issued the document, by the two-letter code (WIPO Standard St.3).

For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language translation is attached.

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1			Application Number	10/020,425	
INF	ORN	MATION DISCLOSURE	Filing Date	December 7, 2001	
		MENT BY APPLICANT	First Named Inventor	Mitsuaki Oshima, et al.	
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First Named Inventor	Mitsuaki OSHIMA, et al.	
Art Unit	2137	
Examiner Name	Paul E. Callahan	
Attorney Docket No.	MTS-520US2	

		NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
PC	١	Japanese Official Action for JP 2002-235948, date mailed September 28, 2004, with English translation.	⊠
pc		Japanese Official Action for JP 2002-235949, date mailed September 28, 2004, with English translation.	Ø
DC		"Outline of Barcode Symbol", (see "JAN code standard" at http://www.barcode.ne.jp/about_barcode/code/index.html , with English translation.	Ø
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Examiner Signature		Punt Callahan Date Considered 11/24/04	

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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Filing Date	December 7, 2001					
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Art Unit	2137					
Examiner Name	Paul E. Callahan					
Attorney Docket No.	MTS-520US2					

		Document Number		DEUMENTS	Pages, Columns, Lines, Where Relevant Passages or Relevan
Examiner Initials*	Cite No.1	Number - Kind Code ^{2 (if known)}	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant of Cited Document	Figures Appear
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Examiner Cite Initials* No.1		Foreign Patent Document Country Code ³ - Number ⁴ - Kind Code ⁵ (If known) Publication Date (MM-DD-YYYY)		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T 6
PC	110.	JP 01-243237 A (with English abstract)	09/27/89	RICOH CO LTD	/	
PC		EP 0 520 619 A	12/30/92	PIONEER ELECTRONIC CORP		
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Examiner Signature	Paul Gellahan	Date Considered	11/20/04

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Complete if Known

Application Number 10/020,425

Filing Date December 7, 2001

First Named Inventor Mitsuaki OSHIMA, et al.

Art Unit 2137

Examiner Name Paul E. Callahan

Attorney Docket No.

SHEET 2 of 2

MTS-520US2

		NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	L3
PC	<u>.</u>]·	European Search Report for EP 04020082, dated October 6, 2004	
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Sheet 1 of 1 SERIAL NO ATTY. DOCKET NO. FORM PTO-1449 U.S. DEPARTMENT OF CONNERCE 10/020,425 PATENT AND TRADEMARK OFFICE MTS-520US2 (Rev. 2-32) **APPLICANT** INFORMATION DISCLOSURE STATEMENT BY APPLICANT M. Oshima et al. O ! (Useseveral sheets if necessary) GROUP FILING DATE 2137 2134 December 7, 2001 4009 ZCS **U.S. PATENT DOCUMENTS** Filing Class Sub Name Document Class Date Number 14/89 346 03/05/85 Kato 4,503,531 341 155 Kildal et al. 09/29/91 5,061,341 253 5,197,060 03/23/93 Yatake 02/06/96 Brownstein et al. 5,489,768 428 PH (GF) 5,549,953 08/27/96 Technology Center 2100 FOREIGN PATENT DOCUMENTS Translation Class Sub Country -Document Date Exmr YES | NO Class Initial Number v EP 0 549 488 06/30/93 Europe Japan (with English abstract) 04-338872 س 11/26/92 OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Official Action from the European Patent Office dated March 28, 2003, for Application 1. No. 01 108 949.7. Replication and BCA," [internet]http://www.panasonicdvd.com/rep.html, 12/2001. **∜**(2. "NSM Storage - Jukebox and Storage ABC," [internet]http://www.storageminds.com/nsm/nsm_ 3. folders/folders/algemeen/glossary_storage_and_jukebox.pdf, 12/2001.

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Sheet 1 of 1

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U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE ATTY. DOCKET NO. MTS-520US2

SERIAL NO

10/020,425

INFORMATION DISCLOSURE P ESTATEMENT BY APPLICANT

(Use several sheets if necessary)

APPLICANT

M. Oshima et al.

FILING DATE

December 7, 2001

GROUP 2134

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Exmr Initial	Document Number	Date	Country	Class	Sub Class	Translation YES NO
initial	58-211343	12/08/83	Japan (with English abstract)		1	×
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	03-078178	04/03/91	Japan (with English abstract)			×
	03-116441	05/17/91	Japan (with English abstract and counterpart USP 5,126,741)			×
	02-056750	02/26/90	Japan (with English abstract and counterpart EP 0 329 122 and 4,961,077)		·	X
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OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

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R	1.	Japanese Official Action dated November 19, 2002, for JP 2002-235948 with partial English translation.
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APPLICANT

M. Oshima et al.

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U.S. PATENT DOCUMENTS

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PC	5,126,741	06/30/92	Yoshida (with counterpart JP 03-116441)			1
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	61-248250	11/05/86	Japan (with English abstract)			×	
	03-078178	04/03/91	Japan (with English abstract)			X	
	03-116441	05/17/91	Japan (with English abstract and counterpart USP 5,126,741)			X,	
	02-056750	02/26/90	Japan (with English abstract and counterpart EP 0 329 122 and 4,961,077)			×	
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PC	 1.	Japanese Official Action dated November 19, 2002, for JP 2002-235948 with partial English translation.
p	2.	Japanese Official Action dated November 19, 2002, for JP 2002-235949 with partial English translation.

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				Sheet 1 of 2
FORM PTO-1449 (Rev. 2-32)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. MTS-520US2	SERIAL NO To Be Assigned	0140
Information Disclosure Statement by Applicant (Use several sheets if necessary)		APPLICANT M. Oshima et al.		95042; 95042; 95042;
		FILING DATE 12/7/2001	GROUP 7134	16930

U.S. PATENT DOCUMENTS

Exmr Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
R	5,418,852	05/23/95	Itami et al. (corresponds to DE 4308680)	380	4	3/17/9
	5,982,886	11/9/99	Itami et al. (corresponds to DE 4308680)	380	4	10/0/9
	5,371,792	12/6/94	Asai et al. (corresponds to EP 0553545)	380	3	12/2//
1/	RE 35,839	7/7/98	Asai et al. (corresponds to EP 0553545)	780	3	8/25/5
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FOREIGN PATENT DOCUMENTS

Exmr Initial	Document Number	Date	Country	Class	Sub Class	Translation YES NO	
PC	EP0553545	08/04/93	EPO (corresponds to USP 5,371,792				⇉.
			And USP RE 35,839				1
	DE4308680	10/28/93	Germany (corresponds to USP 5,418,852				1
		1	And USP 5,982,886)				1
	NL9101358	03/01/93	Netherlands				1
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OTHER DOCUMENTS

(Including Author, Title, Date, Pertinent Pages, Etc.)

pc		European Search Report dated	August 23, 2001, applicati	on no. EP01108949.	
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Examiner	D. 1	Callohan	Date Considered	11/10/12	

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			Sheet 2 of	
FORM PTO-1449 (Rev. 2-32)		ATTY. DOCKET NO. MTS-520US2	SERIAL NO To Be Assigned	
Information Disclosure Statement by Applicant (Use several sheets if necessary)		APPLICANT M. Oshima et al.		
		FILING DATE	GROUP	

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Exmr Initial	Document Number	Date	Name	Class	Sub Class	Filing Date
A	5,513,169	4/30/96	Fite et al.	369	272	11/29/8
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Exmr Initial	Document Number	Date	Country	Class	Sub Class	Translation YES NO
R	9101358	3/1/93	The Netherlands		1	ΙX
t.	4308680	10/28/93	Germany			x
	553545	8/4/93	EPO		 	X
	5-266576	10/15/93	Japan			l x
	7-325712	12/12/95	Japan			X
	2-44448	2/14/90	Japan			l x
	63-46541	2/27/88	Japan		 	l x
	63-164043	7/7/88	Japan			 x -
	61-190734	8/25/86	Јарал		\vdash	X
1	5-325193	12/10/93	Japan			
V	0 545 472A1	6/9/93	EPO	 - - - - -		

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(Including Author, Title, Date, Pertinent Pages, Etc.)

100		European Search Report dated 5/15/97
	2	International Search Report dated 1/30/96
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Examiner	Paul Calluhan	Date Considered ///9/12	

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